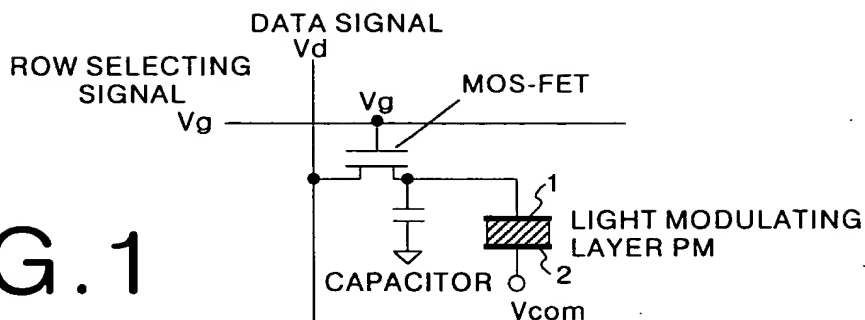


FIG.1



T_w : PERIOD DURING WHICH DATA IS WRITTEN TO ALL PIXELS

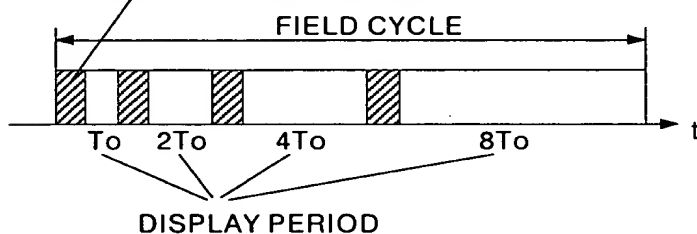
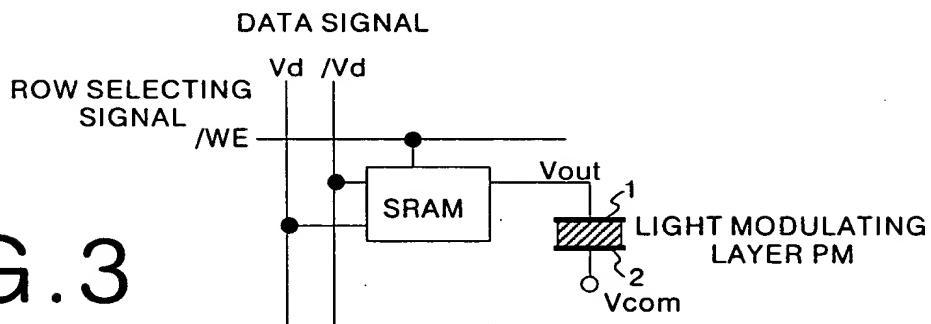


FIG.2

FIG.3



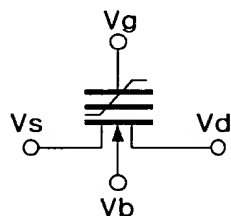
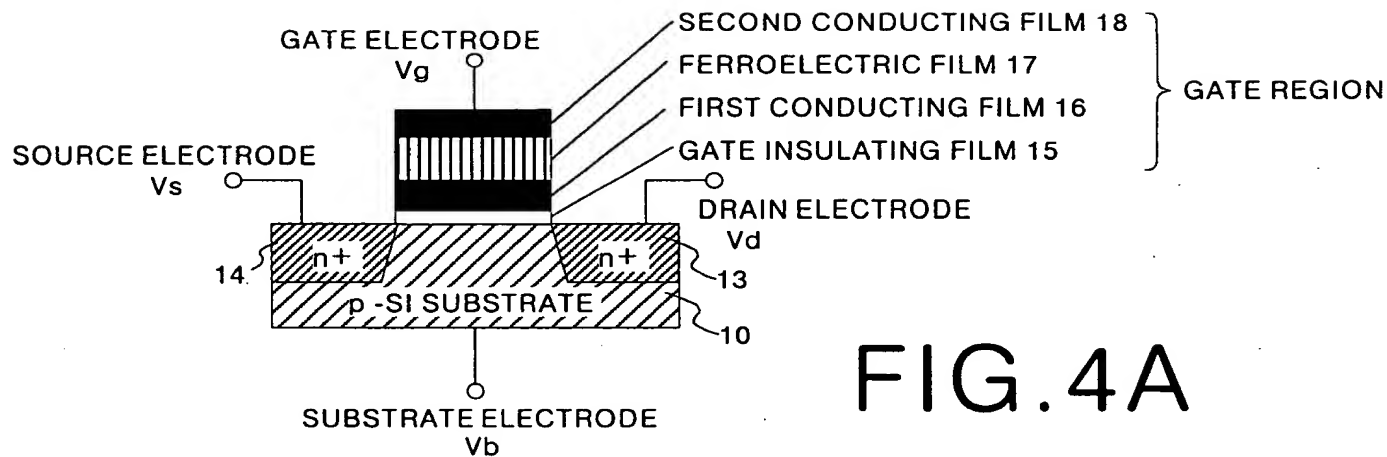


FIG. 5A

POLARIZATION DIRECTION
WHEN V_{gs} IS POSITIVE



FIG. 5B

POLARIZATION DIRECTION
WHEN V_{gs} IS NEGATIVE

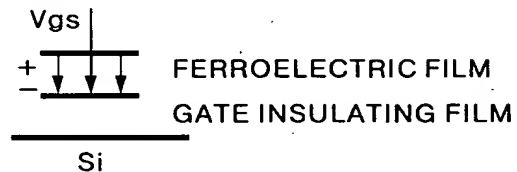


FIG. 5C

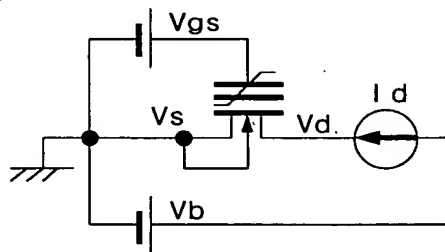


FIG.6

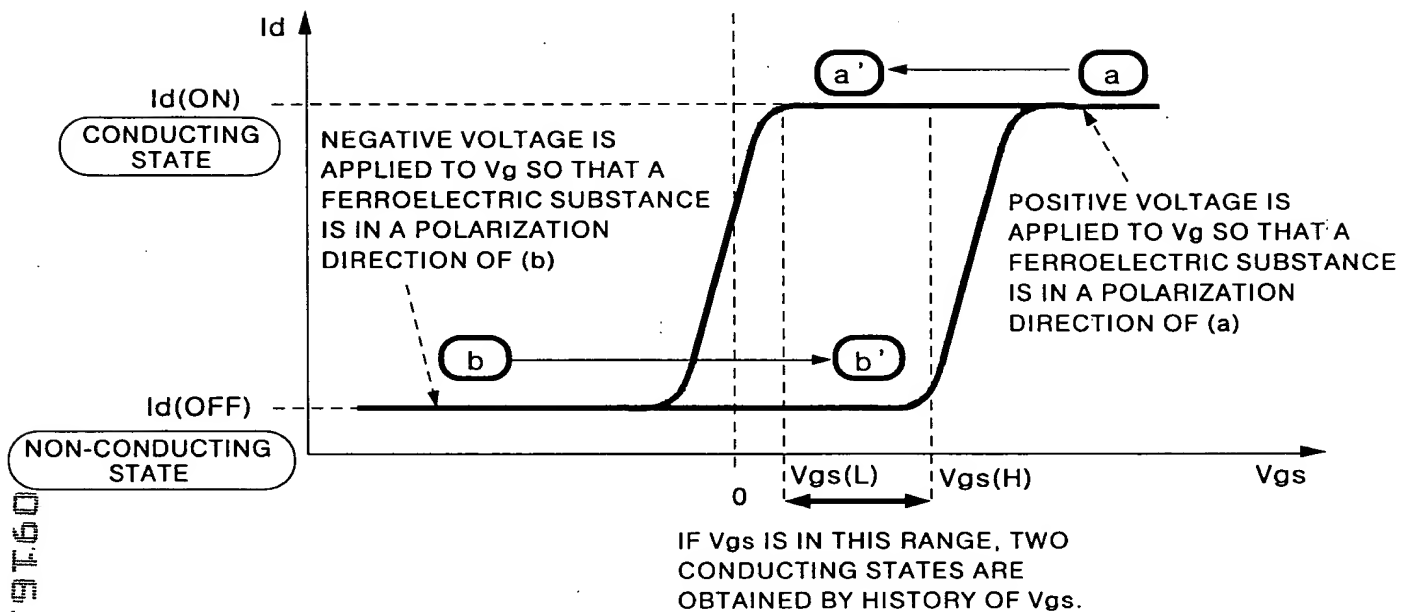
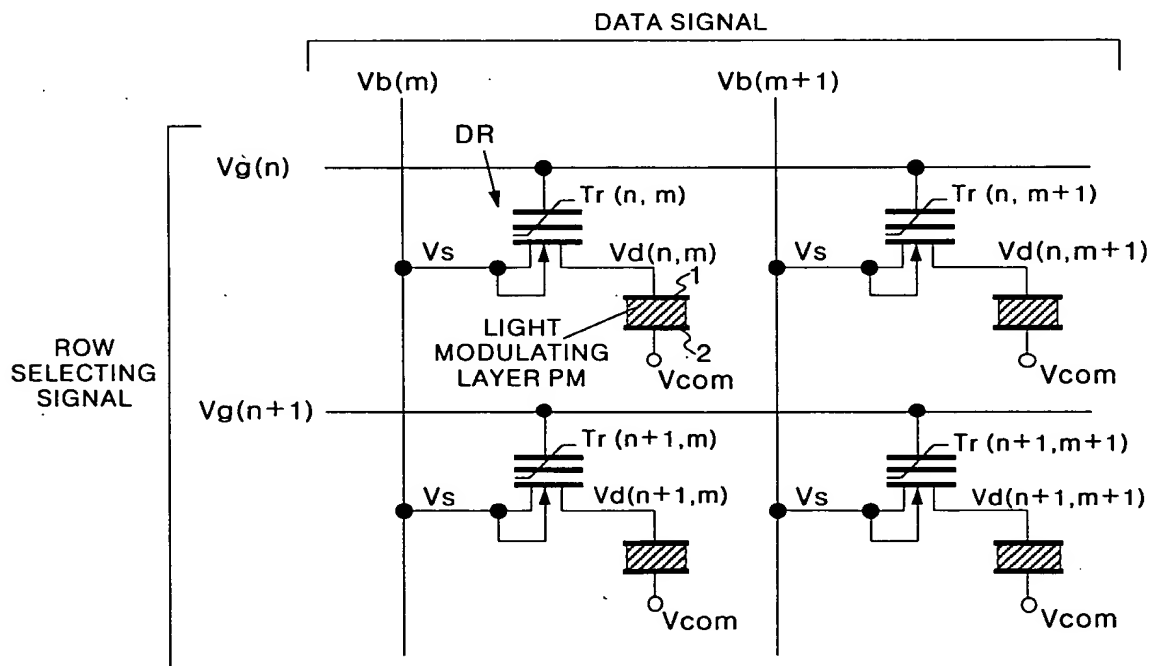


FIG.7



[RELATION BETWEEN V_{gs} AND POLARIZATION STATE]

FIG.8

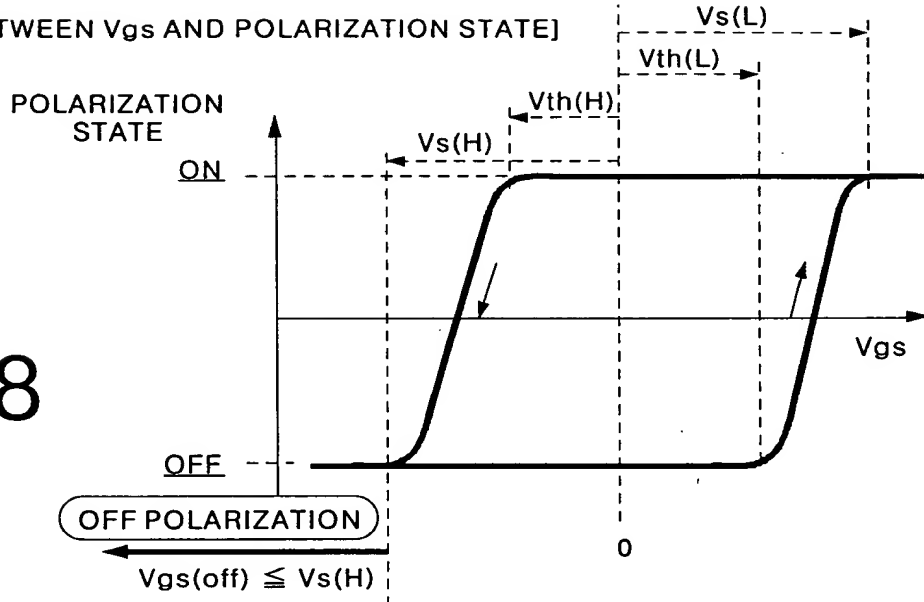
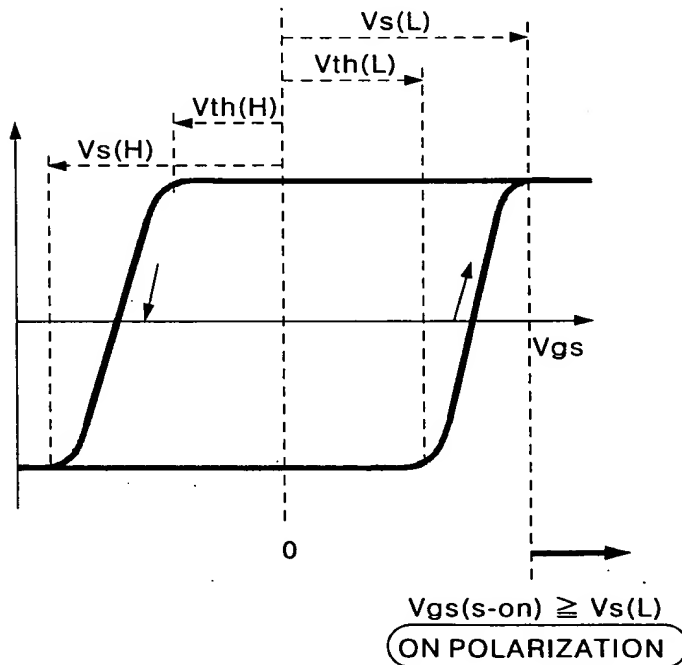


FIG.9



00161699-092908
866250-669T9T60

FIG.10

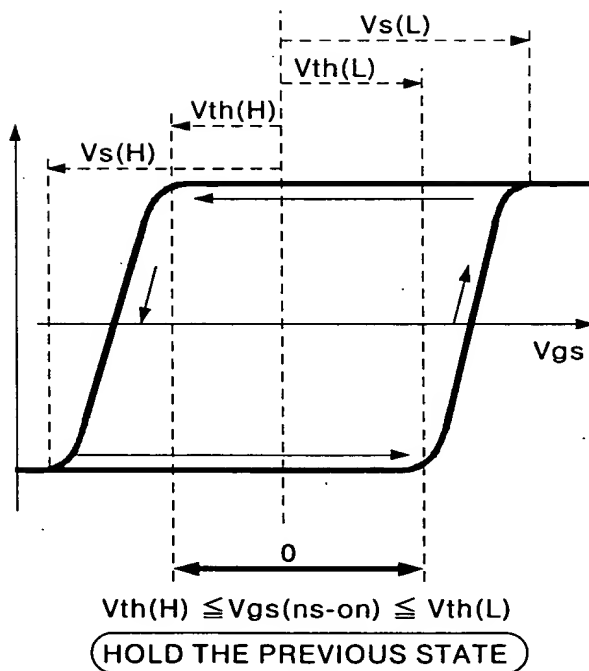
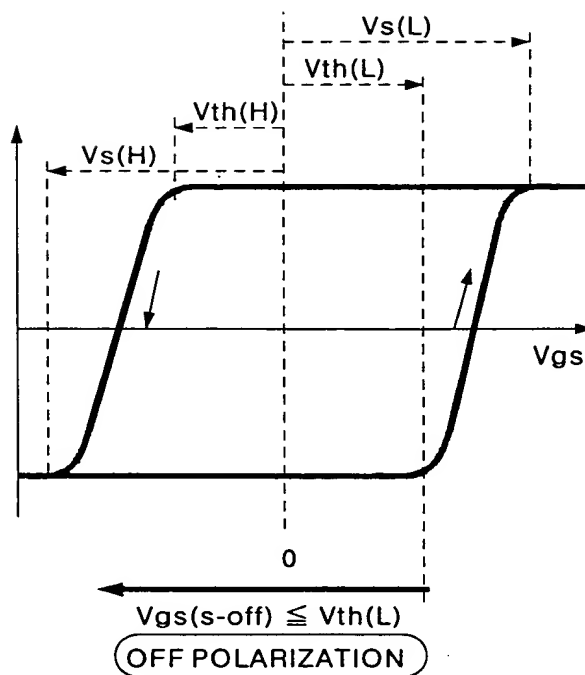


FIG.11

FIG.12

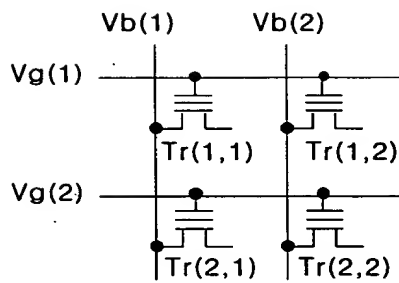
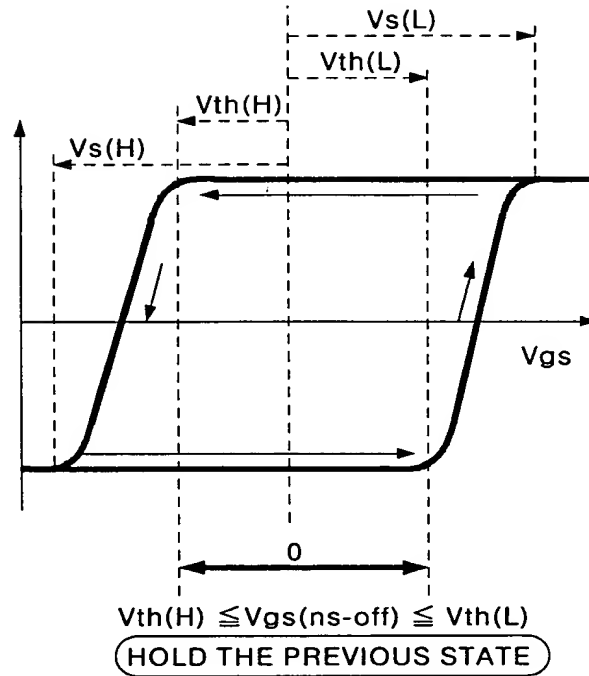


FIG.13

091694 "092593



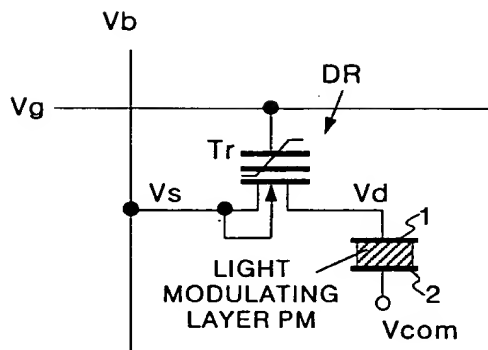


FIG.15A

FIG.15B

FIG.15C

[ON STATE]

$V_{b(op)}$



V_{com}

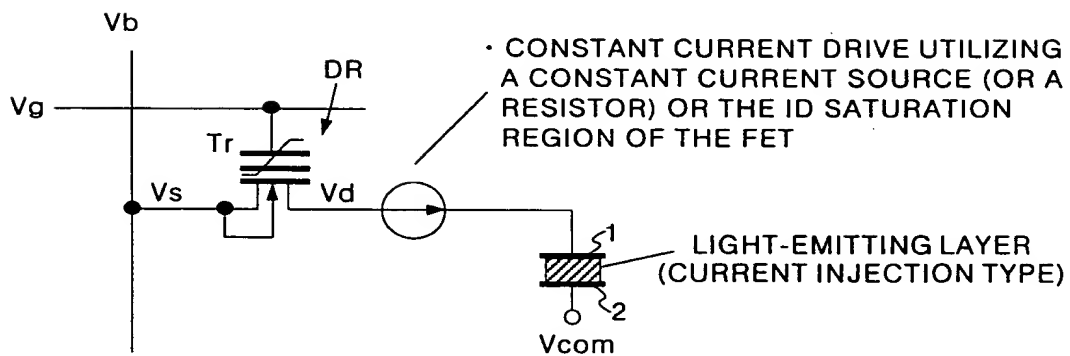
[OFF STATE]

$V_{b(op)}$



V_{com}

FIG.16



866260-669T9T60

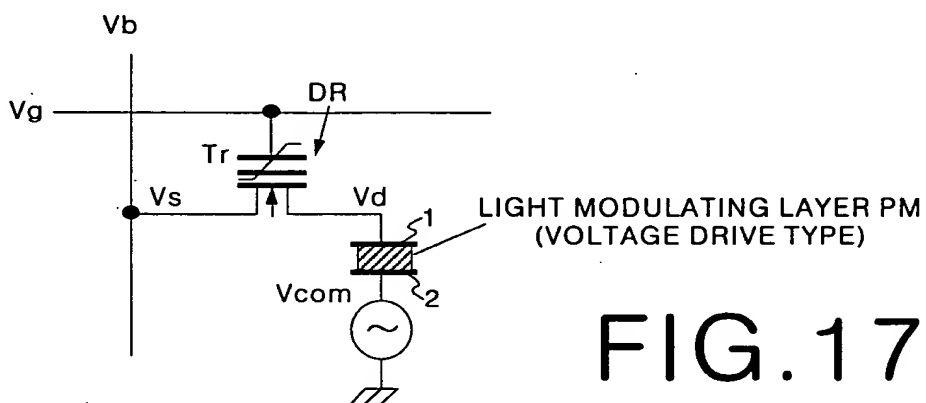


FIG. 17

FIG. 18

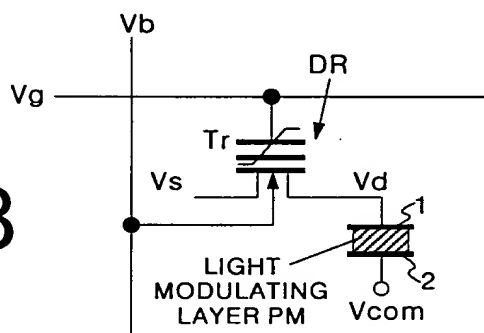


FIG. 19

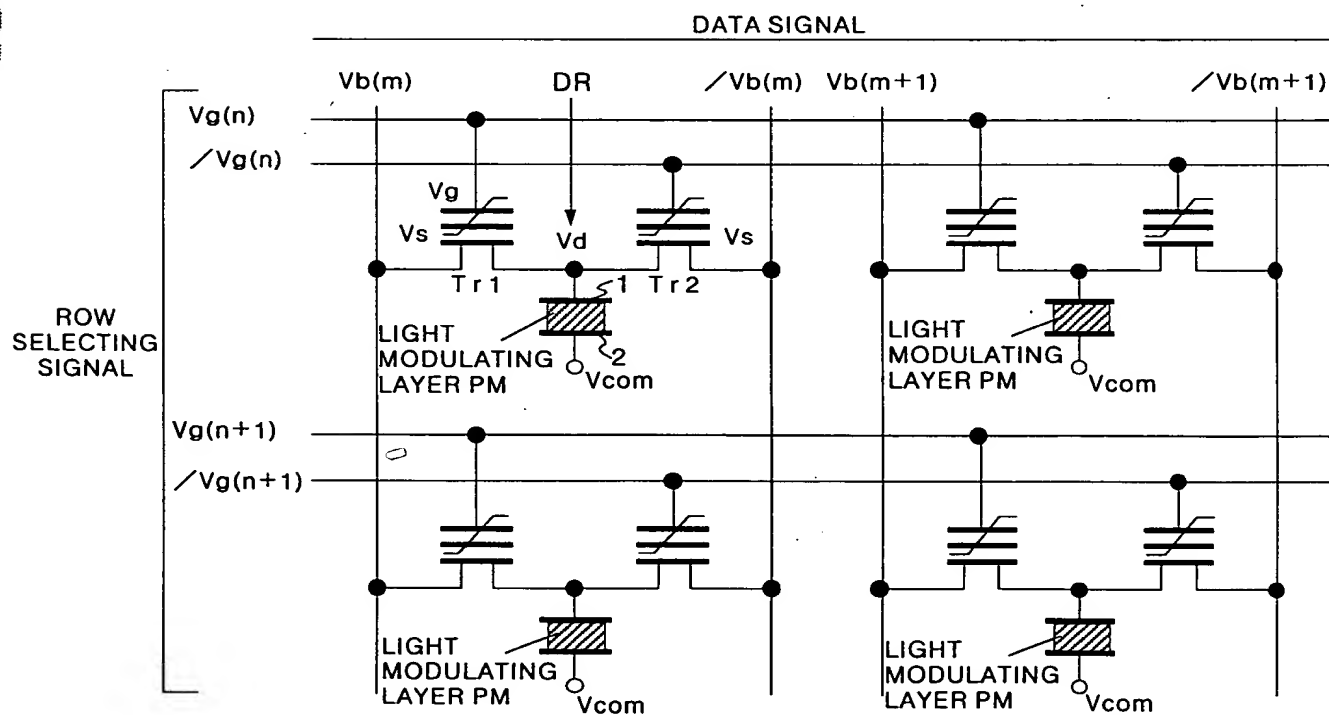


FIG.20A

ON WRITING

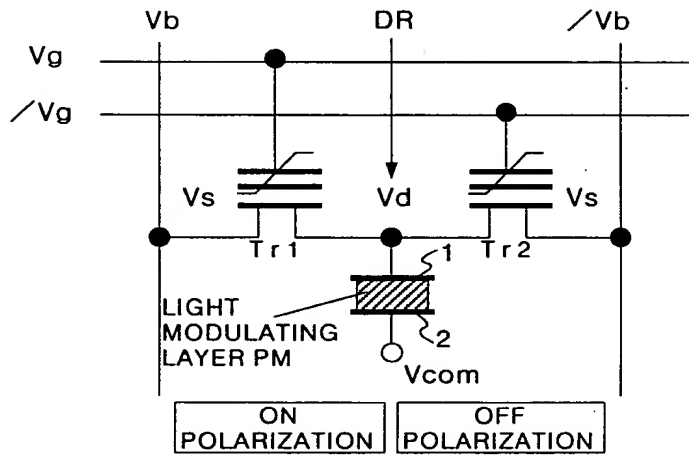


FIG.20B

OFF WRITING

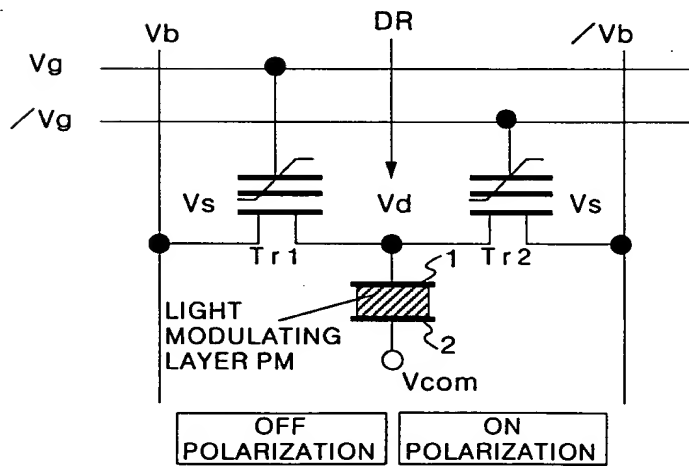


FIG.21A

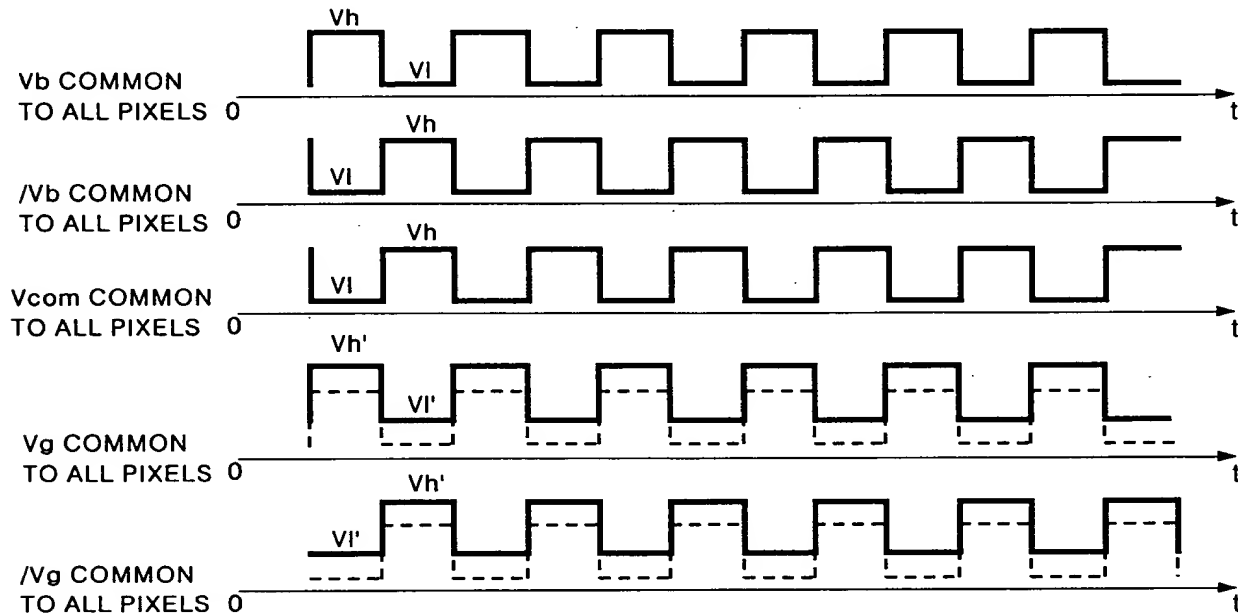


FIG.21B

DRAIN VOLTAGE ON EACH PIXEL

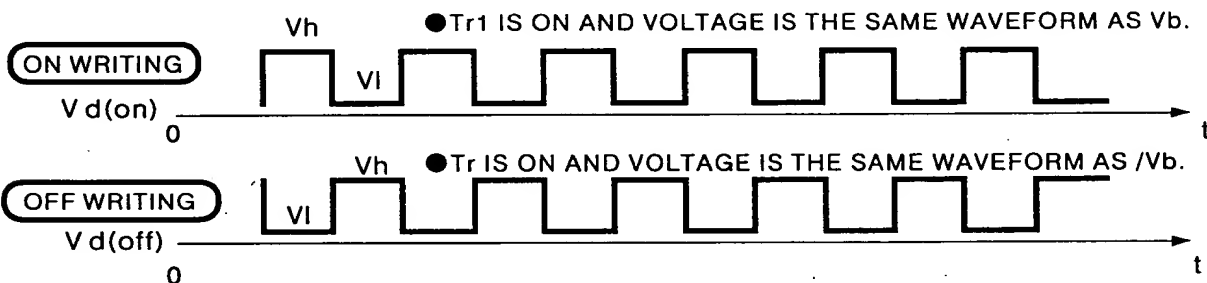


FIG.21C

DRAIN VOLTAGE ON THE LIGHT MODULATING LAYER OF EACH PIXEL

